

# The Western Journal of Medicine

SINCE 1902

ISSN 0093-0415

44 GOUGH STREET • SAN FRANCISCO, CALIFORNIA 94103 • TELEPHONE (415) 863-5522

MALCOLM S. M. WATTS, MD, *Editor*  
LLOYD H. SMITH, JR., MD, *Associate Editor*  
DAVID GREER, *Managing Editor*

SALLY LINEBARGER, *Assistant to Managing Editor*  
VAL BOSMOE, *Editorial Assistant*

JANICE ANDERSEN, *Copy Editor*  
NANCY V. JAMES, *Advertising Production Manager*  
KEVIN MCKINNEY, *Circulation Coordinator*

editorial communications to DR WATTS • business communications to MR GREER

Official Journal of the California Medical Association, the Idaho Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society. Affiliated Clinical Investigation Societies: the Western Association of Physicians; the Western Society for Clinical Investigation; the Western Section, American Federation for Clinical Research; the Western Society for Pediatric Research; the Western Region, Society for Investigative Dermatology.

## EDITORIAL BOARD

### Chairman of the Board

Malcolm S. M. Watts, San Francisco, Calif

### Associate Editor

Lloyd H. Smith, Jr., San Francisco, Calif

### Editor for Clinical Investigation

R. Paul Robertson, Denver, Colo

### Special Editor for Idaho

E. R. W. Fox, Coeur d'Alene, Idaho

### Special Editor for Nevada

Owen C. Peck, Reno, Nev

### Special Editor for New Mexico

I. Brian Taylor, Carlsbad, NM

### Special Editor for Utah

John H. Holbrook, Salt Lake City, Utah

### Special Editor for Washington

David Hopkins, Federal Way, Wash

### Special Editor for Wyoming

Lloyd R. Evans, Laramie, Wyo

### Allergy

Harold S. Novey, Orange, Calif  
Abba I. Terr, San Francisco, Calif

### Anesthesiology

Ronald L. Katz, Los Angeles, Calif

### Cardiac and Thoracic Surgery

John E. Connolly, Irvine, Calif  
Albert Starr, Portland, Ore

### Chest Diseases

Thomas L. Petty, Denver, Colo

### Dermatology

John H. Epstein, San Francisco, Calif  
George F. Odland, Seattle, Wash  
Frank Parker, Portland, Ore  
Gerald D. Weinstein, Irvine, Calif

### Emergency Medicine

W. Richard Bukata, Van Nuys, Calif  
Clark Chipman, Portland, Ore  
Thomas Elmendorf, Davis, Calif

### General and Family Practice

Harmon E. Holverson, Emmett, Idaho  
Charles W. Huff, Casper, Wyo  
Daniel D. Roberts, Central Point, Ore  
J. Jerome Wildgen, Kalispell, Mont

### Internal Medicine

Robert W. Burroughs, Spokane, Wash  
Theodore C. Eickhoff, Denver, Colo  
Robert L. Hare, Portland, Ore  
Robert H. Moser, Philadelphia, Pa  
George A. Porter, Portland, Ore  
Helen M. Ranney, San Diego, Calif  
David D. Ulmer, Los Angeles, Calif  
Edgar Wayburn, San Francisco, Calif  
Ralph C. Williams, Jr., Albuquerque, NM

### Neurology

J. Richard Baringer, Salt Lake City, Utah  
Phillip D. Swanson, Seattle, Wash  
W. C. Wiederholt, La Jolla, Calif

### Neurosurgery

John R. Green, Phoenix, Ariz  
Arthur A. Ward, Jr., Seattle, Wash  
Charles B. Wilson, San Francisco, Calif

### Nuclear Medicine

Joseph P. Kriss, Stanford, Calif

### Obstetrics and Gynecology

Ralph C. Benson, Portland, Ore  
Ralph W. Hale, Honolulu, Hawaii  
W. LeRoy Heinrichs, Stanford, Calif  
Morton A. Stenchever, Seattle, Wash

### Occupational Medicine

Linda Hawes Clever, San Francisco, Calif

### Ophthalmology

Robert S. Hepler, Los Angeles, Calif  
Bruce E. Spivey, San Francisco, Calif

### Orthopedics

Ernest M. Burgess, Seattle, Wash  
George E. Omer, Albuquerque, NM

### Otolaryngology

Roger Boles, San Francisco, Calif  
Mansfield F. W. Smith, San Jose, Calif

### Pathology

Richard L. Kempson, Stanford, Calif

### Pediatrics

Louis K. Diamond, San Francisco, Calif  
William L. Nyhan, San Diego, Calif  
William O. Robertson, Seattle, Wash  
Arnold L. Smith, Seattle, Wash

### Pharmacology

George N. Aagaard, Seattle, Wash

### Physical Medicine and Rehabilitation

Glenn G. Reynolds, Portland, Ore

### Plastic Surgery

Richard P. Jobe, Los Altos, Calif  
Henry K. Kawamoto, Jr., Santa Monica, Calif

### Preventive Medicine and Public Health

Jonathan Mann, Atlanta

### Psychiatry

Carl Eisdorfer, Bronx, NY  
Alan I. Levenson, Tucson, Ariz  
Helen Tausend, Beverly Hills, Calif  
Joe Paul Tupin, Sacramento, Calif

### Radiology

M. Paul Capp, Tucson, Ariz  
Melvin M. Figley, Seattle, Wash  
Marshall Rowen, Orange, Calif

### Surgery

John Wesley Batdorf, Las Vegas, Nev  
Daniel T. Cloud, Phoenix, Ariz  
Paul A. Ebert, San Francisco, Calif  
Lucius D. Hill, Seattle, Wash  
Frank G. Moody, Houston, Tex

### Urology

Richard Middleton, Salt Lake City, Utah  
Thomas A. Stamey, Stanford, Calif

### Consulting Editor

Medical Services and Health Care  
Paul J. Sanazaro, Berkeley, Calif

## ADVISORY BOARD, CLINICAL INVESTIGATION

George D. Molnar, Univ of Alberta  
Murray A. Katz, Univ of Arizona  
Ross E. Petty, Univ of British Columbia  
Clarence A. Guenter, Univ of Calgary  
M. Eric Gershwin, Univ of California, Davis

Jacob Katz, Univ of California, Irvine  
Delbert A. Fisher, Univ of California, Los Angeles  
Kenneth M. Moser, Univ of California, San Diego  
H. Benfer Kaltreider, Univ of California, San Francisco  
Alan S. Nies, Univ of Colorado

Irwin J. Schatz, Univ of Hawaii  
Ernest L. Mazzaferri, Univ of Nevada  
Sanford Schneider, Loma Linda Univ  
Kenneth D. Gardner, Jr., Univ of New Mexico  
J. David Bristow, Univ of Oregon

Robert M. McAllister, Univ of Southern California  
R. Marvin Bala, Univ of Saskatchewan  
Allen D. Cooper, Stanford Univ  
Gerald Rothstein, Univ of Utah  
David R. Saunders, Univ of Washington

## ADVERTISING INFORMATION

### Advertising Sales Representatives

EAST AND MIDWEST: Saul G. Hornik, SGH, Inc., 12 Court Street, Freehold, NJ 07728 • (201) 462-8004/462-7422

WEST: Media Services—Lynne Jeffes, Darien DeLorenzo, 1340 Paloma Avenue, Burlingame, CA 94010 • (415) 348-7478/550-0519

CLASSIFIED: 44 Gough Street, San Francisco, CA 94103 • Tel: (415) 863-5522/863-6853

**Advertisements**—The journal is published the first week of the month. Advertising copy must be received not later than the first of the month preceding issue. Advertising rates will be sent on request. Acceptance of advertising is contingent upon approval by the Advertising Committee. *The journal reserves the right to reject any advertisement.*

## SUBSCRIPTION INFORMATION

The subscription price per year is \$10 in the United States and Canada (US funds); \$18 in all other countries. Single copies are \$2 (please add \$1.50 per copy for postage and handling). Address all subscription communications to THE WESTERN JOURNAL OF MEDICINE Circulation, 44 Gough Street, San Francisco, CA 94103 • Tel: (415) 863-5522.

Allow six weeks for subscriptions to begin. Past issues must be bought individually. So long as reserve stocks are available, missing issue requests from subscribers are honored for up to six months after the issue date. Thereafter, the single copy rate of \$2.00 is applicable for each issue available.

**Change of Address**—Requests for change of address should give both the old and new address. Allow six weeks for changeover.

## SUBMITTING MANUSCRIPTS

**"Information for Authors"**—A complete guide to manuscript submission and journal style is available on request and also appears in January and July.

**Author Responsibility**—Authors are responsible for all statements, conclusions and methods of presenting subjects. These may or may not be in harmony with the views of the editorial staff. The aim is to permit as wide a latitude as the general policy of the journal and the demands on space may permit. The right to reduce, revise or reject any manuscript is always reserved. Articles are accepted on condition that they are contributed solely to this journal.

**Manuscripts**—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The original manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

**Clinical Investigation**—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

## PUBLISHER

Copyright 1984 by the California Medical Association • Owned and Published by the California Medical Association.  
All material subject to this copyright appearing in THE WESTERN JOURNAL OF MEDICINE may be photocopied for the noncommercial purpose of scientific or educational advancement. Volumes begin with January and July.

## POLICY COMMITTEE

David B. Horner  
Clarence S. Avery  
Richard F. Corlin

## Charles W. Plows

Laurens P. White  
Philipp M. Lippe  
Malcolm S. M. Watts

"Entered as second class matter at the post office in San Francisco and additional mailing offices under the Act of March 3, 1879." Acceptable for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized August 10, 1918. Publication Number 084480.

# Continuing Medical Education

CALIFORNIA, HAWAII, NEVADA • ALASKA • IDAHO • MONTANA • NEW MEXICO • OREGON • UTAH • WASHINGTON • WYOMING

## CALIFORNIA, HAWAII AND NEVADA

This listing of continuing education programs in California, Hawaii and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, 44 Gough St., San Francisco 94103; or phone (415) 863-5522. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

## ALLERGY AND IMMUNOLOGY

December 27-29—**Allergy and Asthma.** Hawaii Medical Association and Hawaii AAFP at Royal Lahaina Resort, Maui. Thursday-Saturday. \$275. 13.5 hrs. Contact: Joe Harrison, MD, Dir., PO Box 10185, Lahaina, Maui 96761.

January 3-5—**Allergy and Dermatology.** Symposium Maui, Hawaii Medical Association, and Hawaii American Academy of Family Practice at Royal Lahaina Resort, Maui. Thursday-Saturday. 13.5 hrs. \$275. Contact: Symposium Maui, Joe Harrison, MD, Director, PO Box 10185, Lahaina, Maui 96761.

January 10-12—**Allergy and Immune Diseases in Children.** Symposium Maui, Hawaii Medical Association and Hawaii American Academy of Family Practice at Royal Lahaina Resort, Maui. Thursday-Saturday. 13.5 hrs. \$275. Contact: Symposium Maui, Joe Harrison, MD, Director, PO Box 10185, Lahaina, Maui 96761.

February 27-March 2—**9th Annual Course: Immunology and the Clinical Practice of Allergy.** UCSD at Vacation Village Resort, San Diego. Wednesday-Sunday. Up to 20 hrs. Contact: UCSD.

## ANESTHESIOLOGY

January 10-13—**Anesthesia Update.** UCSD at Hotel Intercontinental, San Diego. Thursday-Sunday. 20 hrs. Fee: \$100-\$250. Contact: UCSD.

January 25-27—**23rd Annual Clinical Conference in Pediatric Anesthesiology.** Pediatric Anesthesiology Foundation and Childrens Hospital of Los Angeles at Los Angeles. Friday-Sunday. Contact: Wayne Herbert, MD, Program Dir., Ped. Anes. Fndn, PO Box 54700, Los Angeles 90054. (213) 669-2262.

## CANCER

December 7-9—**2nd Annual Recent Advances in Occupational Cancer Focus on Prevention.** UCSF at Golden Gateway Holiday Inn, San Francisco. Friday-Saturday. \$150.

December 12—**19th Annual Northern California Cancer Conference.** N. T. Enloe Memorial Hospital, Chico. Wednesday. Contact: Linda Morgado, Med. Staff Coord., N. T. Enloe Memorial Hospital, W. 5th Ave. and The Esplanade, Chico 94926. (916) 891-7300.

January 18-19—**Urological Cancer.** USC. Friday-Saturday.

January 19—**Avoidable Cancer: Cause and Control.** UCI. Saturday. 6 hrs. Fee: \$30. Contact: UCI.

(Continued on Page 601)

## KEY TO ABBREVIATIONS

- CMA: California Medical Association  
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW: Charles R. Drew Postgraduate Medical School  
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU: Loma Linda University  
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC: Pacific Medical Center  
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN: Stanford University  
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD: University of California, Davis  
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, Davis 95616. (916) 752-0328.
- UCI: University of California, Irvine  
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center, 2801 Atlantic Avenue, Long Beach 90801. (213) 595-3837, or (714) 856-5414, UCI Extension.
- UCLA: University of California, Los Angeles  
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD: University of California, San Diego  
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF: University of California, San Francisco  
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC: University of Southern California  
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

(Continued from Page 597)

**February 6—Impact of Questionable Cancer: Treatments on Oncology Practice Today.** Hospital of Good Samaritan at Biltmore Hotel, Los Angeles. Wednesday. 6 hrs. Contact: Dolores Gay, Coordinator of Symposium, 616 So. Witmer St., Los Angeles 90017. (213) 977-2352.

**March 24—One Day Colon Cancer Screening and Flexible Sigmoidoscopy.** Continuing Medical Education Associates at Kona Kai Club, San Diego, Sunday. 7 hrs. Fee: \$135. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138.

## CARDIOLOGY

**November 30-December 2—Cardiovascular Disease: Non-Invasive Diagnostic Methods (Stress & Holter) and Cardiac Rehabilitation.** International Medical Education Corporation at Las Vegas. Friday-Sunday. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

**November 30-December 2—ECG Interpretation and Arrhythmia Management.** International Medical Education Corporation at Las Vegas. Friday-Sunday. Contact: Beverly Jacobsen, 64 Inverness Dr. E., Englewood, CO 89112. (800) 525-8651.

**December 6-8—Doppler Echocardiography.** Institute for Medical Studies at The Hotel Meridien, San Francisco. Thursday-Saturday. 15 hrs. Fee: \$395. Contact: Kim Stroich, Institute for Medical Studies, 30131 Town Center Rd., Ste. 215, Laguna Miguel, CA 92677. (714) 495-4499.

**December 7-9—Cardiovascular Disease: Non-Invasive Diagnostic Method (Stress and Holter) and Cardiac Rehabilitation.** International Medical Education Corporation at San Diego. 13 hrs. Friday-Sunday. Contact: IMEC, 64 Inverness Drive E., Englewood, CO 80112. (800) 525-8651.

**December 7-9—Advances in Heart Disease 1984.** American College of Cardiology at Hyatt Regency Hotel, San Francisco. Contact: ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

**January 18-19—4th Clinical Conference on Congenital Heart Disease.** Childrens Hospital of Los Angeles at Sheraton Grande Hotel, Los Angeles. Friday-Saturday. 10 hrs. Contact: Masato Takahashi, MD, Division of Cardiology, Childrens Hospital of Los Angeles, PO Box 54700, Los Angeles 90054-0700. (213) 669-2461.

**January 25-27—Vascular and Pulmonary Disease: Diagnosis and Management.** University of Colorado Health Sciences Center at MGM Grand Hotel,

Las Vegas. Friday-Sunday. 13 hrs. Contact: Med. Ed. Resources, 5808 S. Rapp St., Ste. 202, Littleton, CO 80120. (800) 421-3756.

**January 28-31—3rd Annual Cardiology Update.** Institute for Medical Studies at Sheraton-Waikiki, Hawaii. Monday-Thursday. 15 hrs. Fee: \$395. Contact: Kim Stroich, Institute for Medical Studies, 30131 Town Center Rd., Ste. 215, Laguna Miguel, CA 92677. (714) 495-4499.

**February 8-10—"Case Studies in Cardiology": A Cardiology Review for Clinicians.** The Presbyterian Heart Institute at Presbyterian Hospital, Albuquerque, NM. Friday-Sunday. 19 hrs. Fee: \$150. Contact: Gilbert Raff, MD, (505) 242-2796

**February 15-17—Vascular and Pulmonary Diseases: Diagnosis and Management.** University of Colorado Health Sciences Center at International Hotel, Palm Springs. Friday-Sunday. 13 hrs. Contact: Medical Education Resources, 5808 So. Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756.

## EMERGENCY MEDICINE

**December 2-7—Kauai 1984 "Current Concepts in Emergency Care."** The Institute for Emergency Medical Education and the Washington Chapter of the American College of Emergency Physicians at Kauai Surf Hotel, Kauai. Sunday-Friday. 25 hrs. Contact: Georgine Fleck, Kailani World Travel, 4192 Meridian Avenue, Bellingham, WA 98277-9951. (800) 426-2561.

**December 10-14—Postgraduate Institute for E.R. Physicians, Symposium II.** UCSD at La Jolla Village Inn, La Jolla. Monday-Friday. (619) 452-3940.

**January 14-18—Postgraduate Institute for Emergency Physicians: Symposium I.** UCSD at Hanalei Hotel, San Diego. Monday-Friday. 13-36 hrs. Fee: \$200-\$675. Contact: UCSD.

**January 19-26—Management of Traumatic Emergencies.** UCSD at Kona Surf Resort, Kona, HI. Sunday-Sunday. 21 hrs. Fee: \$315-\$430. Contact: UCSD.

**January 28-30—Trauma: 1985.** UCSD at Vacation Village Resort, San Diego. Monday-Wednesday. 20 hrs.

**February 24-March 1—Emergency Medicine: 1985.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Sunday. Contact: UCD.

**February 25-28—Critical Care Medicine.** USC at MGM Grand Hotel, Las Vegas. Monday-Thursday. Contact: USC.

(Continued on Page 602)

# SNOWBIRD CONFERENCES

Sponsored by  
**University of Utah School of Medicine**

February 25-March 1, 1985  
**ADVANCES IN INTERNAL MEDICINE**  
\$275 fee, CME Credit Available

March 4-8, 1985  
**MEDICAL AND SURGICAL ADVANCES  
IN GASTROENTEROLOGY**  
\$275 fee, CME Credit Available

# PARK CITY CONFERENCE

March 18-22, 1985  
**NUTRITION IN CONTEMPORARY MEDICINE**  
\$275 fee, CME Credit Available

Information/Registration: Jennifer Fossum  
Division of Gastroenterology  
University Medical Center  
Salt Lake City, UT 84132  
(801) 581-3581



# 2nd ANNUAL MEETING & SEMINAR

*of the*  
**American Association  
of Orthopaedic Medicine**  
**The Neurobiologic Foundations  
of Orthopaedic Medicine**

**Special Guests: Professor Barry Wyke  
& Dr. John Mennell**

Sponsored by the  
Maricopa Medical Center  
Department of Anesthesiology  
**Scottsdale, AZ—Feb. 27–Mar. 3, 1985**

Didactic and hands-on sessions in  
evaluation and management.  
23 Hours CME I (AMA & AOA) anticipated  
*For Information Contact:*

Kent L. Pomeroy, M.D., Secretariat  
AAOM  
926 E. McDowell, Suite 202  
Phoenix, AZ 85006

## CONTINUING MEDICAL EDUCATION

*(Continued from Page 601)*

### INTERNAL MEDICINE

November 16-18—**Pulmonary Medicine and Office  
Spirometry for P.C. Physician.** UCSD at Vacation  
Village Resort, San Diego. Friday-Sunday.

November 30-December 2—**Fluid and Electrolytes.**  
Cedars-Sinai Medical Center at La Quinta Hotel, La  
Quinta. Friday-Sunday. Contact: Lore Kahane, Ce-  
dars-Sinai Medical Center, 8700 Beverly Blvd.  
#2049, Los Angeles 90048. (213) 855-5000.

December 7-8—**Common Rheumatic Diseases for  
the Clinician.** UCD at Capitol Plaza Holiday Inn,  
Sacramento. Friday-Saturday. 15 hrs. Contact:  
UCD.

December 11-13—**7th Annual Midwinter Meeting of  
the American Endocurietherapy Society** at Wailea  
Beach Hotel, Maui. Tuesday-Thursday. \$250. Con-  
tact: AES, 1245 Wilshire Blvd., Ste. 217, Los An-  
geles 90017.

January 9—**Urology—The Prostate.** LLU at LLU  
Medical Center. Wednesday. Contact: LLU.

January 24-26—**Nephrology for the Consultant.**  
UCSD at Sheraton Harbor Island West, San Diego.

Thursday-Saturday. 18 hrs. Fee: \$300. Contact:  
UCSD.

January 24-26—**Advanced Nephrology: Nephrology  
for the Consultant.** UCSD at Sheraton Harbor Is-  
land West, San Diego. Thursday-Saturday. 18 hrs.  
Contact: UCSD.

February 8-9—**Infectious Disease: Clinical Update.**  
UCD at Red Lion Motor Inn, Sacramento. Friday-  
Saturday. Contact: UCD.

February 12-17—**18th Annual Recent Advances in  
Neurology.** UCSF at Fairmont Hotel, San Fran-  
cisco. Tuesday-Sunday. Contact: UCSF.

February 17-22—**Advanced Problems in Infectious  
Diseases and Toxicology.** UCSD at Continental Inn,  
Aspen. Sunday-Friday. 21 hrs. Fee: \$315-\$430.  
Contact: UCSD.

February 21-24—**Federation of Societies of Neuro-  
logical Science.** FSNS at Hotel Intercontinental, San  
Diego. Thursday-Friday. 18 hrs. Contact: James  
Grisolia, MD, 4020 5th Ave, Ste. 404, San Diego  
92138. (619) 297-1155.

March 18-20—**Gastroenterology Course.** UCSF at  
Yosemite. Monday-Wednesday. Contact: UCSF



## 1985 CME Cruise/Conferences on Legal-Medical Issues

Accredited for 20-24 CME CAT. 1 Credits by The Suffolk Academy of Medicine  
Approved for 20-24 AAFP Prescribed Credits

The programs listed below were scheduled prior to 12/31/80 and conform to IRS tax deductibility requirements under Sec. 602 of the Tax Reform Act-P.L. 94-445, effective 1/1/77, with the exception of the Hawaiian Conferences, which conform to the requirements of P.L. 97-424.

### 24 CME CREDITS

- ☐ \*Jan. 9-19 (from Ft. Lauderdale, FL)  
10 day Caribbean - TSS FAIRWIND
- ☐ \*Mar. 30-Apr. 10 (from Los Angeles, CA)  
11 day Mexican Riviera - TSS FAIRSKY
- ☐ \*July 8-20 (from San Francisco, CA)  
12 day Alaska/Canada - TSS FAIRSKY

### 24 CME CREDITS

- ☐ \*July 24-Aug. 3 (from Ft. Lauderdale, FL)  
10 day Caribbean - TSS FAIRWIND
- ☐ Aug. 24-Sept. 5 (from Athens, Greece)  
12 day Mediterranean - PACIFIC PRINCESS

### 20 CME CREDITS

- ☐ Monthly 7 day cruise/seminars from Honolulu, HI on a variety of medical topics.  
SS CONSTITUTION, SS INDEPENDENCE

### \*FLY ROUND TRIP FREE

Please send Color Brochures and additional information on the conferences checked above.

PLEASE PRINT

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Sponsored by International Conferences (516) 549-0869  
189 LODGE AVE., HUNTINGTON STATION, N.Y. 11746

### EXCELLENT GROUP FARES

## CONTINUING MEDICAL EDUCATION

### OBSTETRICS AND GYNECOLOGY

December 13-15—**Gynecologic Surgery.** The American College of OB/GYN at Hyatt Regency Hotel, Los Angeles. Thursday-Saturday. Contact: ACOG, Patience A. Schenck, 600 Maryland Ave., SW, Washington, DC 20024. (202) 638-5577.

February 3-7—**OB/GYN Update: 1985.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Thursday. Contact: UCD.

February 9-10—**Los Angeles OB/GYN Forum.** Los Angeles OB/GYN Society at Beverly Hilton Hotel, Beverly Hills. Saturday-Sunday. 10 hrs. Fee: \$80. Contact: Director of Medical Education, LA OB/GYN Society, 5820 Wilshire Blvd, #500, Los Angeles, CA 90036. (213) 937-5514.

February 9-16—**13th Obstetric Anesthesia Conference.** Ohio State University at Sheraton Waikiki Hotel, Waikiki, HA. One week. 20 hrs. Contact: Arlene Rogers, OSUH, Department of Anesthesiology, 410 W. 10th Ave, Columbus, OH 43210. (614) 421-8487

February 11-15—**San Diego Abdominal and Obstet-**

**rical Imaging Symposium Update.** UCSD at Hotel Intercontinental, San Diego. Fee: \$425. Contact: UCSD.

February 16-23—**Perinatal Medicine.** USC at Royal Lahaina, Maui, HI. One week.

February 23—**OB/GYN.** UCSF at Fresno. Saturday. Contact: UCSF.

March 2-9—**6th Annual Symposium on Current Topics in Obstetrics.** UCI at Aspen, Colorado. One week. 23 hrs. Contact: UCI.

### OPHTHALMOLOGY

November 30-December 1—**Phacoemulsification, Extracapsular Cataract Surgery & Intraocular Lenses.** Jules Stein Eye Institute at Los Angeles. Friday-Saturday.

December 7-8—**Glaucoma Management: The State of the Art.** UCSF at Hyatt Regency Hotel, San Francisco. Friday-Saturday.

December 8—**Ophthalmology Association Clinical Meeting.** Jules Stein Eye Institute at Los Angeles. 5

(Continued on Page 606)

**XANAX® Tablets**  
(alprazolam) ©

**CONTRAINDICATIONS**

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

**WARNINGS**

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

**PRECAUTIONS**

**General:** The dosage of XANAX Tablets should be reduced or withdrawn gradually, since withdrawal seizures have been reported upon abrupt withdrawal. If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation. (See Drug Interaction section.) Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage. (See Dosage and Administration.) Observe the usual precautions in treating patients with impaired renal or hepatic function.

**Information for Patients:** Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

**ADVERSE REACTIONS**

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacological activity of XANAX, e.g., drowsiness or lightheadedness.

**Central nervous system:** Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

**Gastrointestinal:** Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

**Cardiovascular:** Tachycardia/palpitations, and hypotension.

**Sensory:** Blurred vision.

**Musculoskeletal:** Rigidity and tremor.

**Cutaneous:** Dermatitis/allergy.

**Other side effects:** Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of anxiolytic benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analysis are advisable. Minor EEG changes, of unknown significance, have been observed.

**DRUG ABUSE AND DEPENDENCE**

**Physical and Psychological Dependence:** Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. Withdrawal seizures have occurred upon rapid decrease or abrupt discontinuation of therapy. In all patients, dosage should be gradually tapered under close supervision. Patients with a history of seizures or epilepsy should not be abruptly withdrawn from XANAX. Addiction-prone individuals should be under careful surveillance. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

**DOSAGE AND ADMINISTRATION**

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily. Reduce dosage gradually when terminating therapy, by no more than one milligram every three days.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

B-3-S

**Upjohn** THE UPJOHN COMPANY  
Kalamazoo, Michigan 49001 USA

CONTINUING MEDICAL EDUCATION

(Continued from Page 603)

hrs. Saturday. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024. (213) 825-4617.

January 24-25—**YAG Laser Source.** UCSD at UCSD Medical Center. Thursday-Friday. 12 hrs. Contact: UCSD.

February 8-10—**5th Annual Current Concepts in Ophthalmology 1985.** UCSD at Hotel Del Coronado, San Diego. Friday-Saturday. 15 hrs. Contact: UCSD.

March 14-15—**Modern Surgical Techniques and Their Effects of the Cornea.** Pacific Medical Center at Clift Hotel, San Francisco. Thursday-Friday. Contact: Pacific Medical Center, Continuing Education, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.

**PATHOLOGY**

February 3-6—**12 Annual Course in Genitourinary Pathology.** UCI at Memorial Medical Center, Long Beach. Sunday-Wednesday. 36 hrs. Contact: UCI.

**PEDIATRICS**

November 16-19—**Clinical Pediatrics.** California Chapters 1, 2 & 3 American Academy of Pediatrics at Las Vegas. Friday-Monday. Contact: Eve Black, Exec. Sec., PO Box 2134, Inglewood 90305. (213) 757-1198.

December 3—**Issues in Perinatal Care.** UCSF. Monday.

December 6-9—**Current Issues in Perinatal Medicine.** UCI at Marriott's Rancho Las Palmas Resort, Rancho Mirage. 14 hrs. Thursday-Sunday.

January 25-26—**Advanced Fetal Heart Rate Monitoring Seminar.** UCI at South Coast Plaza Hotel, Costa Mesa. Friday-Sunday. 12 hrs. Contact: UCI.

January 25-27—**23rd Annual Clinical Conference in Pediatric Anesthesiology.** See Anesthesiology, January 25-27.

February 2-9—**Pediatric Emergencies.** UCSD at Snowbird Resort, Utah. One week. 21 hrs. Fee: \$315-\$350. Contact: UCSD.

March 7-9—**Brain Insults in Infants and Children: Pathology, Evaluation, Diagnosis and Acute Management.** UCSD at Holiday Inn Embarcadero, San Diego. 17 hrs. Contact: UCSD.

**PSYCHIATRY**

January 27-February 1—**Midwinter Program for Psychiatrists.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Friday. Contact: UCD.

(Continued on Page 704)

*(Continued from Page 606)*

## RADIOLOGY

December 8—**Gastrointestinal Radiology.** Cedars-Sinai Medical Center at Los Angeles. Saturday. Contact: Lore Kahane, PO Box 48750, Room 2049, Los Angeles 90048. (213) 855-5547.

February 27-March 1—**5th Annual Approaches: Radiologic, Oncology, Biology and Physics.** UCSF at Fairmont Hotel, San Francisco. Wednesday-Friday. Contact: UCSF.

## SPORTS MEDICINE

January 13-17—**Sports Medicine: 1985.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Thursday. Contact: UCD.

January 26—**Nutrition for Athletic Performance.** American Heart Association at University of California at Berkeley, Berkeley. Saturday. 4 hrs. Fee: \$40. Contact: American Heart Association, PO Box 5157, Oakland 94605. (415) 632-9606.

## SURGERY

November 28-December 2—**Basic Microsurgery Training Workshop.** UCSD. Wednesday-Sunday.

November 30-December 2—**Bone Grafting for Maxillofacial Indications.** Plastic Surgery Research Foundation at Hotel Intercontinental, San Diego. Friday-Sunday. \$295.

December 1-8—**Temporal Bone Surgical Dissection—1984.** House Ear Institute at Los Angeles. 62 hrs. One week. Contact: Antonio de la Cruz, MD, Director of Education, HEI, 256 South Lake St., Los Angeles 90057. (213) 483-4431

December 3-5—**Current Trends in Total Knee Arthroplasty.** American Academy of Orthopaedic Surgeons at Lake Tahoe. Monday-Wednesday. Contact: AAOS, 444 N. Michigan Ave., Chicago, IL 60611.

December 3-7—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs.

December 6-9—**The Adult Hip.** American Academy of Orthopaedic Surgeons at Rancho Mirage. Thursday-Sunday. Contact: AAOS, 444 N. Michigan Ave., Chicago, IL 60611.

December 12—**Orthopedic Surgery-Arthroscopy—Diagnosis and Treatment.** LLU. Wednesday.

December 13-16—**Acetabular and Lower Extremity Fracture Management Symposium.** UCD at Caesars Tahoe, South Lake Tahoe. Thursday-Saturday. 21 hrs. Fee: \$475. Contact: UCD.

December 14—**A Modern Look at Trauma.** Daniel Freeman Memorial Hospital, Inglewood. Friday. 6 hrs. Contact: DFMH, Dept. of Medical Education. (213) 674-7050, Ext. 3427.

January 14-18—**Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. \$1,200.

January 18-19—**7th Annual Postgraduate Course in Surgery.** UCD at Capitol Plaza Holiday Inn, Sacramento. Friday-Saturday. Contact: UCD.

January 21-25—**8th Annual San Diego Postgraduate Assembly in Surgery.** UCSD. Monday-Friday. Contact: UCSD.

February 11-15—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. Fee: \$1,200. Contact: UCSD.

March 18-22—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. Fee: \$1,200. Contact: UCSD.

March 25-29—**Advanced Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. Fee: \$1,200. Contact: UCSD.

## OF INTEREST TO ALL PHYSICIANS

November 18—**16th Annual Symposium; "The Newest Concepts in Clinical Practice."** Granada Hills Community Hospital & UCLA at Sheraton-Universal Hotel, North Hollywood. Sunday. Contact: Carol Smith, Granada Hills. (818) 360-1021.

November 30-December 2—**Weekend Workshops on Stress for Women Physicians—Partners Welcome.** CMA at La Playa Hotel, Carmel. Friday-Sunday. Contact: Sandy Willett, CMA, (415) 863-5522, Ext. 418.

December 31—**4th Annual Potpourri of Medicine Seminar.** Huntington Memorial Hospital, Pasadena. Monday. 6 hrs. \$110. Contact: Med. Staff Coord., Huntington Memorial Hospital, 100 Congress St., Pasadena 91105. (818) 440-5165.

January 14-18—**Intensive Course in Geriatric Medicine.** UCLA at Miramar-Sheraton Hotel, Santa Monica. Monday-Friday. 33.75 hrs. Fee: \$410.

January 20-23—**54th Annual Midwinter Clinical Conference.** Research Study Club of Los Angeles at Los Angeles Hilton Hotel. Sunday-Wednesday. 24 hrs. Contact: Louise Ball, Executive Secretary, PO Box 1464, South Pasadena 91030.

January 23-26—**Annual Review in Family Medicine:**

*(Continued on Page 706)*

*(Continued from Page 704)*

**Controversies and Challenges in Primary Care.** Sir Francis Drake Hotel, San Francisco. Wednesday-Saturday.

**January 31-February 2—Recent Advances in Geriatric Medicine: Dementia in the Elderly.** UCSD at Holiday Inn at the Embarcadero, San Diego. Thursday-Saturday. 13 hrs. \$210.

**February 6-8—Neurology for Non-Neurologists.** UCSD at Holiday Inn at the Embarcadero, San Diego. Wednesday-Friday. 21 hrs. Contact: UCSD.

**February 11-16—UCI Family Practice Refresher Course.** UCI at Newport Beach Sheraton Hotel. Monday-Friday. 58 hrs. Contact: UCI.

**February 11-22—Intensive Residency on Occupational Medicine.** UCSF at San Francisco. Two weeks. 80 hrs. Fee: \$1,000. Contact: UCSF.

**February 13-15—Clinical Laboratory Molecular Analysis: Future Direction.** Scripps Clinic and Research Foundation at Vacation Village San Diego. 21 hrs. Contact: Dianne Tisue, Scripps Clinic, 10666 North Pines Rd, La Jolla 92037. (619) 457-8556.

**February 22-23—American College of Physicians: 1985 Regional Scientific CME Meeting.** ACP at Doubletree Inn, Monterey. Friday-Saturday. Contact: Jerry P. Lewis, MD, 618 Francisco Place, Davis 95616.

**February 23-24—Expanding Horizons.** UCSF at Golden Gateway Holiday Inn, San Francisco. Saturday-Sunday. Contact: UCSF.

**March 1—11th Annual Diabetes Program.** UCD. Friday.

**March 6-8—35th Annual Course for Physicians in Family Practice.** Mount Zion Hospital and Medical Center, San Francisco. Wednesday-Friday. Contact: Robin Jackson, Office of Continuing Education, PO Box 7921, San Francisco 94115. (415) 885-7269.

**March 29-31—Office Emergencies in Primary Care.** Continuing Medical Education Associates at Hotel Del Coronado, San Diego. Friday-Sunday. 18 hrs. Fee: \$275. Contact: Jackie Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

---

## IDAHO

---

**February 16-23—Internal Medicine.** University of Washington School of Medicine at Elkhorn Resort,

Sun Valley. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

**February 23-March 2—Office Orthopaedics.** University of Washington School of Medicine at Elkhorn Resort, Sun Valley. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

**March 2-9—Electromyography.** University of Washington School of Medicine at Elkhorn Resort, Sun Valley. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

---

## MONTANA

---

**February 20-23—Big Sky Pulmonary/Ski Conference.** American Lung Association of Montana at Big Sky of Montana. Contact: ALA of Montana, 825 Helena Ave., Helena 59601. (406) 442-6556.

---

## NEW MEXICO

---

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

**November 15-16—ABC's of Chronic Lung Disease in Infants, Children and Young Adults.** Albuquerque. Thursday-Friday. 17 hrs. AMA Cat. I. Contact: Winrock Medical Plaza Pediatric Pulmonary Center, 7400 Indian School Rd. NE, Albuquerque 87110. (505) 883-8217.

**November 29-30—Update on Alzheimer's Disease.** Albuquerque. Thursday-Friday. 6 hrs. NM Required Education, Cat. I. Contact: Pat Graves, American Geriatrics and Gerontology Association, 1024 Eubank NE, #A, Albuquerque 87111. (505) 292-0415.

*(Continued on Page 708)*



(Continued from Page 706)

**November 30-December 1—Trauma Update 84.** Albuquerque. Friday-Saturday. Albuquerque Convention Center/Regent Hotel. 11 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

**January 12-13—3rd Annual Albuquerque Family Practice Seminar—Medical Issues in Gerontology.** Albuquerque. Saturday-Sunday. Marriott Hotel. 13 hrs. AMA Cat. I, AAFP Prescribed. Contact: NM Chapter, AAFP, PO Box 23070, Albuquerque 87192. (505) 298-5300.

**January 23-27—New Mexico Metabolism Symposium.** Taos. Wednesday-Sunday. Tennis Ranch. 12 hrs. AMA Cat. I. Contact: Office of CME, Lovelace Medical Center, 5400 Gibson SE, Albuquerque 87106. (505) 262-7353.

**February 1-3—Advances in Internal Medicine V.** Albuquerque. Friday-Sunday. 15 hrs. AMA Cat. I. Veterans Administration Medical Center. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

**February 14-15—Cardiovascular Ultrasonic Flowmetry.** Albuquerque. Thursday-Friday. 11½ hrs. AMA Cat. I. Contact: Lovelace Medical Foundation, 5400 Gibson Blvd. SE, Albuquerque 87108. (505) 262-7155.

**February 21-23—18th Annual OB/GYN Postgraduate Seminar.** Albuquerque. Thursday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

**March 15-16—Primary Care Orthopaedics.** Albuquerque. Friday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

**April 11-13—Seventh Annual Pediatric Cardio-Pulmonary Update.** Thursday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

## OREGON

The following list of continuing medical offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

## MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday, 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Contact: Philipa McClure, Emanuel Hospital, 2801 N. Gantenbein Street, Portland, OR 97227. (505) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Nursing Education Building, Room 110. Contact: Department of Medicine, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7454.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee. PO Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225. (503) 297-4411, Ext. 2230

## CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

(Continued on Page 721)

# A Unique Examination of A New Phenomenon.



## Cross-cultural Medicine.

Reprinted because of extraordinary demand.

### The Western Journal of Medicine



SPECIAL  
ISSUE  
CROSS-  
CULTURAL  
MEDICINE

REPRINTED FROM VOLUME 139 NUMBER 8

### ORDER FORM

<u>Quantity</u>	<u>Per Copy*</u>
Single Copy	\$6.50
2 to 10	6.00
11 to 30	5.50
31 to 100	5.20
100 +	5.10

Please send \_\_\_\_\_ copies of the WJM  
book reprint CROSS-CULTURAL MEDICINE to:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

### PAYMENT MUST ACCOMPANY ORDER

Total Amount Enclosed: \$ \_\_\_\_\_

\*Note: Domestic postage and handling included. Please add California & local sales tax where applicable.  
Foreign postage additional.

Mail to: Circulation Department, The Western Journal of Medicine  
44 Gough Street, San Francisco, California 94103

**OR TO GIVE  
TO RECEIVE**

A collection of 'wjm' signatures in various styles and orientations, arranged in a circular pattern. The signatures are written in black ink on a white background. Some are upright, some are tilted, and some are upside down. The styles vary from simple and clean to more elaborate and cursive. The overall arrangement is a circular collage of the same name.

Regular subscription ☐ Foreign subscription ☐

*(Continued from Page 708)*

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m. **Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

## FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

## DERMATOLOGY

March 20-21—**Dermatopathology Conference.** Portland. Wednesday-Thursday. Marriott Hotel. Contact: OHSU-CMA.

## EMERGENCY MEDICINE

November 15-16—**Symposium on Critical Care Medicine.** Portland. Thursday-Friday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

## FAMILY PRACTICE

February 11-15—**Family Practice Review Program.** Portland. Monday-Tuesday. Marriott Hotel. Contact: OHSU-CME.

March 1-2—**Difficult Problems in Surgery.** Portland. Friday-Saturday. Red Lion Lloyd Center. Contact: OHSU-CME.

## PATHOLOGY

March 20-21—**Dermatopathology Conference.** Portland. Wednesday-Thursday. Marriott Hotel. Contact: OHSU-CME.

## SURGERY

March 1-2—**Difficult Problems in Surgery.** Portland. Friday-Saturday. Red Lion Lloyd Center. Contact: OHSU-CME.

## OF INTEREST TO ALL PHYSICIANS

November 30-December 1—**Soft Tissue Surgery.** Portland. Friday-Saturday. OHSU Campus. Contact: OHSU-CME.

February 10—**Alcohol and Drug Symposium.** Portland. Sunday. Marriott Hotel. Contact: OHSU-CME.

February 28-March 3—**Update in Rheumatology—1985.** Bend. Thursday-Sunday. Inn of the Seventh Mountain. Contact: OHSU-CME.

---

## UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

---

## MEDICAL GRAND ROUNDS

Each Wednesday—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept. of Internal Medicine, Univ. of Utah, (801) 581-7606.

\* \* \*

November 30—**Sleep Disorders: A Clinical Approach** (Sponsor: University of Utah/Pulmonary Division, LDS Hospital). Friday. Marriott Hotel, Salt Lake City. Credit and fee to be announced. Contact: DuWayne Schmidt, MD, (801) 321-1100.

*(Continued on Page 724)*

# Valium® (diazepam/Roche)

Before prescribing, please consult complete product information, a summary of which follows:

**Indications:** Management of anxiety disorders, or short-term relief of symptoms of anxiety. Anxiety or tension associated with the stress of everyday life usually does not require treatment with an anxiolytic. Symptomatic relief of acute agitation, tremor, delirium tremens and hallucinosis due to acute alcohol withdrawal; adjunctively in skeletal muscle spasm due to reflex spasm to local pathology; spasticity caused by upper motor neuron disorders; athetosis; stiff-man syndrome; convulsive disorders (not as sole therapy). The effectiveness of Valium in long-term use, that is, more than 4 months, has not been assessed by systematic clinical studies. The physician should periodically reassess the usefulness of the drug for the individual patient.

**Contraindicated:** Known hypersensitivity to the drug. Children under 6 months of age. Acute narrow angle glaucoma; may be used in patients with open angle glaucoma who are receiving appropriate therapy.

**Warnings:** Not of value in psychotic patients. Caution against hazardous occupations requiring complete mental alertness. When used adjunctively in convulsive disorders, possibility of increase in frequency and/or severity of grand mal seizures may require increased dosage of standard anticonvulsant medication; abrupt withdrawal may be associated with temporary increase in frequency and/or severity of seizures. Advise against simultaneous ingestion of alcohol and other CNS depressants. Withdrawal symptoms similar to those with barbiturates and alcohol have been observed with abrupt discontinuation, usually limited to extended use and excessive doses. Infrequently, milder withdrawal symptoms have been reported following abrupt discontinuation of benzodiazepines after continuous use, generally at higher therapeutic levels, for at least several months. After extended therapy, gradually taper dosage. Keep addiction-prone individuals under careful surveillance because of their predisposition to habituation and dependence.

**Usage in Pregnancy:** Use of minor tranquilizers during first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

**Precautions:** If combined with other psychotropics or anticonvulsants, consider carefully pharmacology of agents employed; drugs such as phenothiazines, narcotics, barbiturates, MAO inhibitors and other antidepressants may potentiate its action. Usual precautions indicated in patients severely depressed, or with latent depression, or with suicidal tendencies. Observe usual precautions in impaired renal or hepatic function. Limit dosage to smallest effective amount in elderly and debilitated to preclude ataxia or oversedation.

The clearance of Valium and certain other benzodiazepines can be delayed in association with Tagamet (cimetidine) administration. The clinical significance of this is unclear.

**Side Effects:** Drowsiness, confusion, diplopia, hypotension, changes in libido, nausea, fatigue, depression, dysarthria, jaundice, skin rash, ataxia, constipation, headache, incontinence, changes in salivation, slurred speech, tremor, vertigo, urinary retention, blurred vision. Paradoxical reactions such as acute hyperexcited states, anxiety, hallucinations, increased muscle spasticity, insomnia, rage, sleep disturbances, stimulation have been reported; should these occur, discontinue drug. Isolated reports of neutropenia, jaundice; periodic blood counts and liver function tests advisable during long-term therapy.

**Dosage:** Individualize for maximum beneficial effect. **Adults:** Anxiety disorders, symptoms of anxiety, 2 to 10 mg b.i.d. to q.i.d.; alcoholism, 10 mg t.i.d. or q.i.d. in first 24 hours, then 5 mg t.i.d. or q.i.d. as needed; adjunctively in skeletal muscle spasm, 2 to 10 mg t.i.d. or q.i.d., adjunctively in convulsive disorders, 2 to 10 mg b.i.d. to q.i.d. **Geriatric or debilitated patients:** 2 to 2½ mg, 1 or 2 times daily initially, increasing as needed and tolerated. (See Precautions.) **Children:** 1 to 2½ mg t.i.d. or q.i.d. initially, increasing as needed and tolerated (not for use under 6 months).

**How Supplied:** For oral administration, round, scored tablets with a cut out "V" design—2 mg, white; 5 mg, yellow; 10 mg, blue—bottles of 100 and 500; Prescription Paks of 50, available in trays of 10. Tel-E-Dose® packages of 100, available in boxes of 4 reverse-numbered cards of 25, and in boxes containing 10 strips of 10.

Imprint on tablets:

2 mg—2 VALIUM® (front)  
ROCHE (scored side)



5 mg—5 VALIUM® (front)  
ROCHE (scored side)



10 mg—10 VALIUM® (front)  
ROCHE (scored side)



ROCHE PRODUCTS INC.  
Manati, Puerto Rico 00701

## CONTINUING MEDICAL EDUCATION

(Continued from Page 721)

**February 9-16—8th Annual Update in Clinical Microbiology/Immunology** (Sponsor: University of Utah). Saturday-Saturday. Park City. Fee to be announced. 25 hrs. Contact: John Matsen, MD, (801) 581-7480.

**February 12-15—14th Annual Family Practice Refresher Course** (Sponsor: University of Utah). Tuesday-Friday. Salt Lake City. Fee to be announced. 28 hrs. Contact: Linda Twitchell, (801) 581-8633.

**February 17-20—26th Annual Ob/Gyn Update** (Sponsor: University of Utah). Sunday-Wednesday. Park City Holiday Inn/Yarrow. Fee to be announced. 14 hrs. Contact: Maria Vescio, (801) 581-7647.

**February 20-23—Reproductive Endocrinology and Infertility** (Sponsor: University of Utah). Wednesday-Saturday. Park City Holiday Inn/Yarrow. Fee to be announced. 14 hrs. Contact: Maria Vescio, (801) 581-7647.

**February 22-26—30th Annual Postgrad Course in Anesthesiology** (Sponsor: University of Utah). Friday-Tuesday. Salt Lake City. Fee to be announced. 16 hrs. Contact: Vicky Larsen, (801) 581-6115.

## SPONSORS OF COURSES—ABBREVIATIONS

AF:	Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
CH:	Castlevue Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
CWH:	Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
FHP:	Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
HAFB:	Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.
HCH:	Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
LDSH:	Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
MDH:	McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
OEH:	Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
OSS:	Ogden Surgical Society, PO Box 9311, Ogden 84409.
PCMC:	Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
SHCC:	Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
SLSC:	Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
UAFF:	Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
UUMC:	University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
USMA:	Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
UVH:	Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
VAMC:	Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.

February 25-March 1—**Advances in Internal Medicine** (Sponsor: University of Utah). Monday-Friday. Snowbird. Fee to be announced. 25 hrs. Contact: Malcolm Berenson, MD, (801) 581-3581.

March 4-8—**Medical and Surgical Advances in Gastroenterology** (Sponsor: University of Utah). Monday-Friday. Snowbird. Fee to be announced. 25 hrs. Contact: Malcolm Berenson, MD, (801) 581-3581.

March 6-8—**Common Problems in Pediatrics VII** (Sponsor: University of Utah). Wednesday-Friday. Little America Hotel, Salt Lake City. Fee to be announced. 12 hrs. Contact: Wendy Ellis, (801) 363-1887 or Robert Bolte, MD, (801) 363-1221.

March 12-22—**Transport Workshop: Neonatal-Maternal-Administration** (Sponsor: University of Utah). Tuesday-Friday. Salt Lake City. Fee to be announced. 69½ hrs. Contact: Anne Shanahan, (801) 581-2730.

March 18-22—**5th Annual Nutrition in Contemporary Medicine Symposium** (Sponsor: University of Utah). Monday-Friday. Park City. Fee to be announced. 29 hrs. Contact: M. Rita Thomas, MD, (801) 581-3581.

March 21-23—**Practical Neurology for Clinicians** (Sponsor: University of Utah). Thursday-Saturday. Sheraton Hotel, Salt Lake City. Fee to be announced. 18 hrs. Contact: Richard Baringer, MD, (801) 581-8664.

## WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

November 16—**Initial Management of Burn Patient**. Seattle. Friday. Riverton Hospital. Contact: U/W.

November 17-24—(HAWAII) **Medicine and Society in History**. One week. Inter-Continental Maui, Maui. Contact: U/W.

November 20—**Management of Thyroid Diseases**. Seattle. Tuesday. Ballard Hospital. Contact: U/W.

November 23-24—(HAWAII) **Father Damien's Leper Colony**. Molokai. Friday-Saturday. Sheraton Molokai. Contact: U/W.

November 30—**DX and Rx Syphilis**. Seattle. Friday. Riverton Hospital. Contact: U/W.

December 3-6—**DUR Counselors**. Bellevue. Monday-Thursday. Bellevue Hilton. Contact: U/W.

December 6—**Sleep Apnea-SIDS**. Seattle. Thursday. Children's Orthopedic Hospital. Contact: U/W.

December 6-7—**Aging and Elderly**. Seattle. Thursday-Friday. Westin. Contact: U/W.

December 7—**Practical Pediatrics**. Seattle. Friday. Contact: VMMC.

December 7—**Heart Catheterization**. Seattle. Friday. Riverton Hospital. Contact: U/W.

December 8—**Musculoskeletal Radiology**. Seattle. Saturday. U/W Health Sciences. Contact: U/W.

December 13-14—**Advances in Internal Medicine**. Seattle. Thursday-Friday. Sheraton. Contact: U/W.

December 13-14—**Organ Failure and Organ Transplantation**. Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

December 14—**Ski Injuries**. Seattle. Friday. Riverton Hospital. Contact: U/W.

December 14—**Annual Strauss Lecture**. Seattle. Friday. UW Hogness Auditorium. Contact: U/W.

December 18—**Fever of Unknown Origin**. Seattle. Tuesday. Ballard Hospital. Contact: U/W.

December 26-January 2—(HAWAII) **Medicine, Magic and Religion**. Maui. Wednesday-Wednesday. Royal Lahaina. Contact: U/W.

December 28—**Diagnosis of Sleep Disorders**. Seattle. Friday. Riverton Hospital. Contact: U/W.

January 4—**Riverton Hospital Lectures**. Seattle. Friday. Riverton Hospital. Contact: U/W.

January 11—**Riverton Hospital Lectures**. Seattle. Friday. Riverton Hospital. Contact: U/W.

January 11—**Treatable Hepato-Biliary Disease**. Seattle. Friday. Contact: VMMC.

(Continued on Page 728)

### COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

*(Continued from Page 725)*

January 15—**General Topics in Hematology.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

January 18—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

January 23-25—(MONTANA) **Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

January 24-26—**Annual President's Meeting—Modern Ophthalmic Technology.** Washington State Academy of Ophthalmology at Seattle. Thursday-Saturday. Westin. Contact: Patti Smith, WSAO, 2033 Sixth Ave, #900, Seattle 98121. (206) 623-4801.

January 25—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

January 30—**Controversies in Medicine Circuit.** Vancouver. Wednesday. Contact: U/W.

January 31—**Controversies in Medicine Circuit.** Olympia. Thursday. Contact: U/W.

January 31-February 1—**Updates in Cardiology.** Seattle. Thursday-Friday. Westin. Contact: U/W.

February 1—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 1-2—**Medical and Surgical Update for Psychiatrists.** Seattle. Friday-Saturday. Contact: VMMC.

February 8—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 15—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 16—**Interventional Radiology to Abdomen.** Seattle. Saturday. U/W South Campus Center. Contact: U/W.

February 16-23—(IDAHO) **Internal Medicine.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

February 19—**Total and Home Parenteral Nutrition.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

February 20-22—(MONTANA) **Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

February 22—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 22-23—**Hemodynamic Monitoring Workshop.** Seattle. Friday-Saturday. Contact: VMMC.

February 23-March 2—(IDAHO) **Office Orthopaedics.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

March 1—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 2-9—(HAWAII) **Medicine in China.** Kauai. Saturday-Saturday. Royal Waikola. Contact: U/W.

March 2-9—(IDAHO) **Electromyography.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

March 9-16—(HAWAII) **Imaging for Non-Radiologists.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 15—**Soft Tissue Surgery.** Seattle. Friday. Contact: VMMC.

March 16-23—(HAWAII) **Drug Therapy.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 19—**Epilepsy.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

March 21-22—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Sheraton. Contact: U/W.

March 22—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 23—**Magnetic Resonance Imaging.** Seattle. Saturday. U/W South Campus Center. Contact: U/W.

March 23-30—(HAWAII) **Vascular Disease.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 28-29—**Advanced Cardiac Life Support.** Seattle. Thursday-Friday. U/W Health Sciences. Contact: U/W.

March 29—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 30-April 6—(HAWAII) **Neurology.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

April 5—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 11-12—**DRG.** Seattle. Thursday-Friday. Westin. Contact: U/W.

April 12—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 13—**Handicapped Infant.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

April 13—**Mason Clinic Day.** Seattle. Saturday. Contact: VMMC.

*(Continued on Page 731)*

#### **Motrin® Tablets (ibuprofen)**

**Contraindications:** Anaphylactoid reactions have occurred in individuals hypersensitive to *Motrin* Tablets or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin, iodides, or other nonsteroidal anti-inflammatory agents.

**Warnings:** Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use *Motrin* Tablets under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If *Motrin* Tablets are used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with *Motrin* Tablets.

**Precautions:** Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue *Motrin* Tablets and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

**Fluid retention and edema** have been associated with *Motrin* Tablets; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of *Motrin* Tablets safety in patients with chronic renal failure have not been done.

*Motrin* Tablets can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when *Motrin* Tablets are added.

The antipyretic, anti-inflammatory activity of *Motrin* Tablets may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), *Motrin* should be discontinued.

**Drug interactions.** Aspirin: used concomitantly may decrease *Motrin* blood levels.

Coumarin: bleeding has been reported in patients taking *Motrin* and coumarin.

**Pregnancy and nursing mothers:** *Motrin* should not be taken during pregnancy or by nursing mothers.

**Adverse Reactions:** The most frequent type of adverse reaction occurring with *Motrin* is gastrointestinal of which one or more occurred in 4% to 16% of the patients.

#### ***Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship***

**Gastrointestinal:** Nausea,\* epigastric pain,\* heartburn,\* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness,\* headache, nervousness; **Dermatologic:** Rash\* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

#### ***Incidence less than 1%—Probable Causal Relationship\*\****

**Gastrointestinal:** Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit; **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

#### ***Incidence less than 1%—Causal Relationship Unknown\*\****

**Gastrointestinal:** Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis; **Hematologic:** Bleeding episodes (e.g., epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis; **Renal:** Renal papillary necrosis.

\*Reactions occurring in 3% to 9% of patients treated with *Motrin*. (Those reactions occurring in less than 3% of the patients are unmarked.)

\*\*Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive challenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

**Overdosage:** In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

**Dosage and Administration:** Rheumatoid arthritis and osteoarthritis. Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Do not exceed 2400 mg per day. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

**Caution:** Federal law prohibits dispensing without prescription.

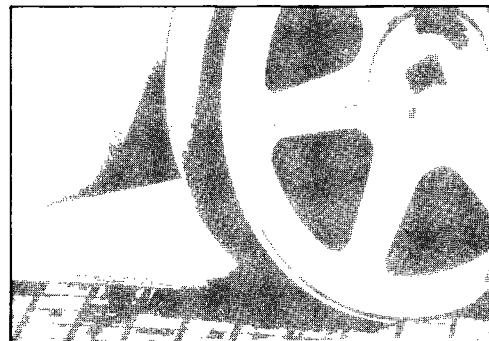
MED B-7-S

*Motrin* is a registered trademark of The Upjohn Manufacturing Company.

**Upjohn**

The Upjohn Company  
Kalamazoo, Michigan 49001

## This Publication is available in Microform.



### University Microfilms International

Please send additional information

for \_\_\_\_\_

Name \_\_\_\_\_

Institution \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

300 North Zeeb Road, Dept. P.R., Ann Arbor, MI 48106

## The Western Journal of Medicine

**STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION** as required by the Act of August 12, 1970; Section 3685, United States Code, for **THE WESTERN JOURNAL OF MEDICINE**, published monthly at San Francisco, California, for October, 1984.

1. Location of known office of publication: 44 Gough Street, San Francisco, California 94103.

2. Location of the headquarters or general business office of the publisher: 44 Gough Street, San Francisco, California 94103.

3. Publisher: California Medical Association, 44 Gough Street, San Francisco; Editor, Malcolm S. M. Watts, M.D., 44 Gough Street, San Francisco; Managing Editor, David Greer, 44 Gough Street, San Francisco.

4. Owner: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.) California Medical Association, 44 Gough Street, San Francisco, California (an unincorporated association).

5. Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities: There are no bondholders, mortgagees, or other security holders.

6. Paragraphs 4 and 5 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner. Names and addresses of individuals who are stockholders of a corporation which itself is a stockholder or holder of bonds, mortgages or other securities of the publishing corporation have been included in paragraphs 4 and 5 when the interests of such individuals are equivalent to 1 percent or more of the total amount of the stock or securities of the publishing corporation.

7. Average number of copies each issue during preceding 12 months: Total 48,167, paid circulation by mail subscription, 47,005; sales through dealers and carriers, street vendors and counter sales, 0; free distribution (including samples) by mail, carrier or other means, 851; total distribution, 47,856; office use, leftover, unaccounted, spoiled after printing, 311; total net press run, 48,167. Single issue nearest to filing date, October, 1984: Total 48,500; paid circulation by mail subscription, 47,351; sales through dealers and carriers, 0; free distribution (including samples) by mail, carrier or other means, 829; total distribution, 48,180; office use, leftover, unaccounted, spoiled after printing, 320; total net press run, 48,500. David Greer, Managing Editor.

THE WESTERN JOURNAL OF MEDICINE



(Continued from Page 728)

April 16—**Ballard Hospital Lectures.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

April 17-19—(MONTANA) **Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

April 18-19—**Death Investigation.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

April 19—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 22-May 3—**Rehab Medicine Review.** Seattle. 12 days. Seattle Sheraton. Contact: U/W.

April 26—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 26-27—**Sexual Assault.** Seattle. Friday-Saturday. Westin Hotel. Contact: U/W.

May 2-3—**Exercising Women.** Seattle. Thursday-Friday. Westin. Contact: U/W.

May 3—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 3-4—**Pharmacology Update.** Seattle. Friday-Saturday. Contact: VMCC.

May 9-10—**Issues in General Pediatrics.** Seattle. Thursday-Friday. Children's Orthopedic Hospital. Contact: U/W.

May 10—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 15-17—**Infectious Diseases.** Seattle. Wednesday-Friday. Westin. Contact: U/W.

May 17—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 18—**Microcomputers in Rehab Medicine.** Seattle. Saturday. Contact: U/W.

May 21—**Ballard Hospital Lectures.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

May 22-24—(MONTANA) **Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

May 1—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 30-31—**Controversies in Cardiovascular Issues.** Seattle. Thursday-Friday. Contact: U/W.

May 30-31—**Mental Health Policy Forum.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

May 31—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

June 6-7—**Behavioral Medicine.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

June 6-8—**Medical Emergencies.** Seattle. Thursday-Saturday. Contact: VMCC.

June 7—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

June 13-14—**Ischemic Heart Disease.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

June 13-14—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Sheraton. Contact: U/W.

June 14—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

June 15—**Contemporary Thoracic Imaging.** Seattle. Saturday. U/W South Campus Center. Contact: U/W.

June 18—**Ballard Hospital Lectures.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

June 19-20—**Financial Planning for Physicians.** Victoria, BC. Wednesday-Friday. Empress Hotel. Contact: U/W.

June 21—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

June 21-22—**Nutrition of Hospitalized Patient.** Vancouver, BC. Saturday-Sunday. Contact: U/W.

June 24-28—(OREGON) **Prevention of Cardiovascular Disease.** Sunriver. Tuesday-Friday. Sunriver Resort. Contact: U/W.

June 28—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**WJM**

# THE WESTERN JOURNAL OF MEDICINE

## INFORMATION FOR AUTHORS

### Submitting Manuscripts

Manuscripts for consideration should be sent to the editor, Malcolm S. M. Watts, MD, 44 Gough Street, San Francisco, California 94103. The transmittal letter should designate one person as correspondent and include complete address, with ZIP code and telephone number.

In view of *The Copyright Revision Act of 1976*, transmittal letters should contain the following language: "In consideration for reviewing and editing my submission, the author(s) undersigned hereby transfers, assigns or otherwise conveys all copyright ownership to THE WESTERN JOURNAL OF MEDICINE in the event that such work is published by the journal." This statement should be signed by *all* the authors.

Authors are urged to seek clarity and succinctness in all manuscripts regardless of subject matter or format and to give close attention to syntax, grammar and spelling.

### Clinical Investigation Section

Articles that authors wish to have considered for the Clinical Investigation section should be so designated in the transmittal letter. The type of articles appropriate for this section are those that describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease. An article describing a single case report will not normally be considered appropriate for this section.

### Preparing Manuscripts

The original manuscript and *two* copies should be submitted on heavy bond paper (8½ by 11 inches, *not* erasable), typed *double-spaced throughout* (including legends, tables and references) on one side of the paper, with 1½-inch margins. Ordinarily, articles should not exceed 3,000 words (less than 15 text pages, typed double-spaced). Under exceptional circumstances only will articles longer than 4,000 words be published. Pages should be numbered consecutively, beginning with the title page.

### Style

**Abbreviations.** Use of abbreviations should be minimized. If they are necessary, abbreviations should be spelled out at first mention, with the abbreviation itself immediately following in parentheses.

**Weights and measures.** All measurements should be given in metric units. English equivalents should be given parenthetically if the measurements were originally done in English units.

**Temperatures.** Temperature readings should be given first in Celsius, followed by the Fahrenheit equivalent in parentheses.

**Drug names.** If the trade name of a drug is used, the generic name should be given first, followed by the trade name in parentheses. Trade names are capitalized, generic names are not.

### Title Page

Titles are best when brief and concise. The title page should include the full name of the author(s), with degrees, academic or professional titles, complete addresses and any institutional or other affiliations. The complete name and address of the person who will handle reprint requests also should appear on this page.

### Abstract

The abstract (approximately 150 words) should be a short summary, saying in brief what is said at length in the body of the article—rather than such and such "is discussed," "is presented" or "was investigated."

### Tables and Figures

#### Tables

Each table should be typed on a separate sheet of paper, be numbered consecutively in Arabic numerals, have a brief descriptive title and have its position indicated in the text.

#### Illustrations (Figures)

Three sets of clear, unmounted black and white glossy prints of figures should be submitted (preferably 5 by 7 inches, but no larger than 8½ by 11 inches). For line drawings, original artwork or glossy prints are acceptable. Illustrations should be numbered consecutively in Arabic numerals and their position indicated in the text. Figure number, first author's name and top of the photo should be shown on the reverse side of each illustration. Recognizable photographs of patients are to be masked and written permission for publication obtained from the patients.

#### Legends

All legends for figures should be typed together on a separate sheet of paper. Magnification and stain for photomicrographs should be indicated in parentheses.

#### Permission for Reproduction

If an illustration or table has been used previously in another publication, written permission for its use must be obtained from the publisher, and should accompany the manuscript. The source should be acknowledged in the legend if it can be done

briefly by citation of a reference number. Otherwise, acknowledgment is made at the end of the figure legend or at the bottom of the table.

### References

References should be limited to those cited in the text. They must be typed double-spaced and numbered consecutively as they appear in the manuscript. (See examples below for style.) Abbreviations of journal titles should conform to those used in *Index Medicus*.

#### Journal Articles

Note handling of multiple authorship. If more than three authors are listed as contributors, use "et al" to designate those names after the first three. Also note capitalization, punctuation, mention of inclusive page numbers and year of publication. Separate the subtitle from the title by either a dash or a colon. Use colon *only* if it appears in the original citation.

1. Jones JS, Anderson HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. *Cell Immunol* 1978; 7:76-79

#### Books

Note handling of "edition," "editor(s)," and "volume," as well as appropriate sequence of reference information and capitalization of chapters and titles.

3. Berne EJ, Smith TL: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, Oxford University Press, 1966, pp 35-51 (*author of chapter same as author of book*)

4. Munsung JM: The role of drugs, chap 2, *In* Brest AN, Mayer JH (Eds): *Hypertension—Vol 2, Therapy*, 2nd Ed. Springfield, Ill, Charles C Thomas, 1961, pp 456-479 (*author of chapter different from authors of book*)

#### Pamphlets, Monographs or Books With No Given Author

5. AMA Department of Drugs: *AMA Drug Evaluation*, 3rd Ed. Littleton, Mass, Publishing Sciences Group, 1977 (*corporate author*)

6. Compilation of Standard Definitions, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (*no given author; give name and place of publisher*)

#### Articles in Press or Accepted for Publication

Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

#### Personal Communications and Unpublished Data

This information should *not* be included in the reference list but should be given in parentheses in the body of the text. Date of communication, whether it was personal or written, and the person's name, highest academic degree and professional affiliation should be provided.

### Acknowledgments

It is the policy of the *WJM* not to print acknowledgments, the feeling being that if a person has contributed enough to a paper to be mentioned, he or she should be included among the authors, or the contribution should be mentioned in the body of the paper or in a footnote.

### Correspondence

Brief manuscripts commenting on articles that have appeared in the journal, containing information of interest to physicians or discussing issues of the day will be considered for publication. Very short reports of cases, clinical experience, clinical studies, adverse effects and the like also will be considered. Items for the Correspondence section should not exceed 600 words and should have no more than five bibliographic references and one figure or table.

### Author Responsibility

Authors are responsible for all statements made in articles. Manuscripts are considered for publication with the explicit understanding that they are original, have not been published previously and are not simultaneously under consideration by any other publication.

All accepted manuscripts are subject to copy editing, and authors are sent edited galley proofs for approval. No changes will be made after the final, edited version has been approved by the author.

### Reprints

If reprints are desired, they must be paid for by the author. A reprint order form with schedule of prices is sent to the author when the article is published. Authors are responsible for handling requests for reprints of their articles.

## WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

**Alaska State Medical Association**—4107 Laurel St., Anchorage 99504. (907) 562-2662. Annual Meeting: June 8-11, 1985, Haines.

**Arizona Medical Association, Inc.**—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: April 26-27, 1985, The Cottonwoods, Scottsdale.

**California Medical Association**—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: March 8-13, 1985, Town and County, San Diego.

**Colorado Medical Society**—6825 E. Tennessee, Bldg. 2, Suite 500, Denver 80224. (303) 321-8590. Annual Meeting: 1985—date and place to be announced.

**Hawaii Medical Association**—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: 1985—date and place to be announced.

**Idaho Medical Association**—407 W. Bannock St., PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 24-27, 1985, Sun Valley.

**Montana Medical Association**—2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000. Annual Meeting: 1985—date and place to be announced.

**Nevada State Medical Association**—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 9-12, 1985, Hyatt, Lake Tahoe.

**New Mexico Medical Society**—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: May 1-3, 1985, Marriott, Albuquerque.

**Oregon Medical Association**—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: 1985—date and place to be announced.

**Utah State Medical Association**—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: 1985—date and place to be announced.

**Washington State Medical Association**—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: September 19-22, 1985, Jantzen Beach.

**Wyoming Medical Society**—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 23-26, 1985, Jackson Lake Lodge, Moran.

## ADVERTISING INDEX

AMERICAN ASSOCIATION OF ORTHOPAEDIC MEDICINE .....	602
AYERST LABORATORIES	
<i>Inderal LA</i> .....	598, 599, 600, 701, 702, 718, 719, 720
<i>Premarin</i> .....	608, 609, 610, 611
CALIFORNIA MEDICAL ASSOCIATION	
ANNUAL MEETING .....	726, 727
CENTURY MOTOR SALES .....	580
CHEC MEDICAL CENTERS .....	717
CLASSIFIED .....	714, 716, 717
CNA INSURANCE COMPANY .....	607
COOPERATIVE OF AMERICAN PHYSICIANS .....	703
THE DOCTORS' COMPANY .....	707
ELI LILLY & CO.	
<i>Keflex</i> .....	705
FHP, INC. ....	717
INSURANCE CORPORATION OF AMERICA .....	591
INTECH	
<i>Micro-Tracer</i> .....	589
INTERNATIONAL CONFERENCES .....	603
MARION LABORATORIES	
<i>Cardizem</i> .....	595, 596
MCNEIL PHARMACEUTICAL	
<i>Tolectin</i> .....	581, 582
ROCHE LABORATORIES	
<i>Bactrim</i> .....	2nd cover, 579, 580
<i>Limbitrol</i> .....	3rd & 4th covers
<i>Valium</i> .....	722, 723
SECURITY PACIFIC NATIONAL BANK .....	594
SMITHKLINE BECKMAN LABORATORIES	
<i>Dyazide</i> .....	612
SOUTHERN CALIFORNIA	
PHYSICIANS INSURANCE EXCHANGE .....	733
E. R. SQUIBB & SON	
<i>Corgard</i> .....	586, 587
ST. PAUL FIRE AND MARINE .....	584
UNIVERSITY MICROFILMS INTERNATIONAL .....	730
UNIVERSITY OF UTAH .....	602
THE UPJOHN COMPANY	
<i>Halcion</i> .....	710, 711, 712
<i>Motrin</i> .....	729, 730
<i>Xanax</i> .....	604, 605, 606 •
U.S. AIR FORCE RESERVE .....	715
THE WESTERN JOURNAL OF MEDICINE	
<i>Cross cultural Medicine Book and Order Form</i> .....	709
<i>Subscription Form</i> .....	713
WYETH LABORATORIES	
<i>Ativan Oral</i> .....	592, 593, 594